

IN THE UNITED STATES DESIGNATED/ELECTED OFFICE

International Application No. : PCT/EP2004/010398
International Filing Date : 16 September 2004 (16.09.2004)
Priority Date(s) Claimed : 09 October 2003 (09.10.2003)
Applicant(s) (DO/EO/US) : Rolf GERICKE, et al.

Title: ACYLHYDRAZONE DERIVATIVES AND THE USE THEREOF IN THE
INHIBITION, REGULATION AND/OR MODULATION OF KINASE SIGNAL
TRANSDUCTION

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §§ 1.56, 1.97 and 1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This information disclosure statement is made in accordance with 37 C.F.R. §§ 1.56, 1.97 and 1.98 as follows:

Timing and Fees

- ☒ Under 37 C.F.R. § 1.97(b), no fee or statement is required for filing this information disclosure statement is filed:
- ☐ within three months of the filing date of a national application other than a CPA under § 1.53(d);
 - ☒ within three months of the actual filing date of the national phase of a PCT application; OR
 - ☐ before the mailing of a first substantive office action (including after filing of an RCE).
- ☐ Under 37 C.F.R. § 1.97(c), this information disclosure statement is filed after the periods specified in 37 C.F.R. § 1.97(b), but before the mailing date of:
- a final rejection under 37 C.F.R. 1.113;
 - termination of prosecution, e.g. Ex Parte Quayle, M.P.E.P § 609(B)(2); OR
 - a notice of allowance under 37 C.F.R. § 1.311; and

is accompanied by:

- ☐ the statement as specified in 37 C.F.R. § 1.97(e) set out below; OR
- ☐ a check covering the fee of \$180.00 under 37 C.F.R. § 1.17(p).

☐ Under 37 C.F.R. § 1.97(d), this information disclosure statement is filed after the mailing date of the following actions which have not been withdrawn:

- ☐ a final action under 37 C.F.R. § 1.113;
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- ☐ OR a notice of allowance under 37 C.F.R. § 1.311;

AND is filed on or before payment of the issue fee; AND is accompanied by:

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Statements Under 37 C.F.R. 1.97(e)

- ☐ Each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application having a mailing date not more than three months prior to the filing date of this information disclosure statement; or
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and to the knowledge of the undersigned attorney after making reasonable inquiry, no item of information contained in this information disclosure statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing date of the information disclosure statement.

Cited Materials

- ☐ Copies of materials listed but not attached were cited in benefit (35 U.S.C. § 120) ancestor application Serial No. _____, on Form 892 by the Examiner and/or Form 1449 by the applicant; see 37 C.F.R. § 1.98(d).
- ☒ Copies of materials listed but not attached were cited in an international search report dated February 24, 2005.
- ☐ Not required by 37 CFR § 1.98.
- ☐ Copies of the materials listed are attached (except for the foregoing).

Non-English Language References

☐ An English-language search report or equivalent paper from a foreign patent office is provided indicating the relevance of the cited reference(s).

☒ A foreign-language search report from a foreign patent office is provided, and pertinent parts are translated substantively below:

X = document of particular relevance when it is taken alone

Y = document of particular relevance when it is combined with another such document

A = document defining the general state of the art

O = non-written disclosure

P = intercalated document

T = document cited to understand the theory or principle underlying the invention

E = patent document which has the benefit of a date earlier than the filing date and which was published only on or after this filing date

D = cited in the application

L = cited for another reason

& = publication of member of same patent family

☒ Translation of other relevant information on foreign search report

In the search report, "Seite" means page, "Seiten" means pages, "Verbindungen der Formel" means Figure of formula, "Beispiele" means examples, and "das ganze Dokument" means the entire document, "Spalte" means column, "Zeile" means line, "Abbildungen" means claims, "Anspruch" means example, "Zusammenfassung" means summary, and "Tabelle" means table, and "Tabellen" means tables "in der Anmeldung erwahnt" means cited in the application, "Schema" means scheme, "und" means and, "Absatz" means break, "Abbildung" means figure.

Other Information

Payment of Fees Due (If Any):

☐ A check for \$_____ covering the fee identified above is attached.

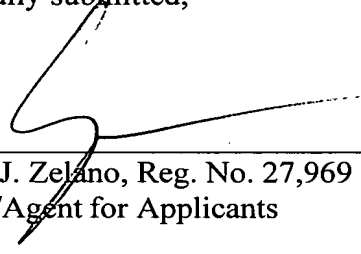
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☒ The Commissioner is hereby authorized to charge or credit any overpayment to Deposit Account #13-3402, two copies of this paper are attached for this purpose.

Respectfully submitted,



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Attorney Docket No.: MERCK-3158

Date: April 6, 2006

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 3

Complete if Known

Application Number	USNP of PCT/EP2004/010398
Filing Date	16 September 2004 (16.09.2004)
First Named Inventor	Rolf GERICKE, et al.
Group Art Unit	unknown
Examiner Name	unknown
Attorney Docket Number	MERCK-3158

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
	001	2003225126	A1	MARKHAM, ET AL.	12-04-2003
	002	2004110963	A1	BURRI, ET AL.	06-10-2004
	003	2004038882	A1	LANG, ET AL.	02-26-2004

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T*
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	004	WO	01/70213	A	INFLUX, INC.	09-27-2001		001
	005	EP	0 294 258	A	LAB. MERAM	12-07-1988		
	006	WO	02/070464	A	ARPIDA AG, ET AL.	09-12-2002		002
	007	WO	00/62781	A	F. LANG, ET AL.	10-26-2000		
	008	WO	02/17893	A	F. LANG, ET AL.	03-07-2002		003
	009	WO	02/074987	A2	F. LANG	09-26-2002		
	010	DE	101 49 393	A1	F. LANG, ET AL.	04-24-2003		
	011	EP	0 889 127	A1	SMITHKLINE BEECHAM CORP	01-07-1999		
	012	JP	11-106371	A		04-20-1999		

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First Named Inventor	Rolf GERICKE, et al.
Group Art Unit	unknown
Examiner Name	unknown
Attorney Docket Number	MERCK-3158

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	013	S.N. PANDEYA, ET AL.: "DESIGN OF SEMICARBAZONES AND THEIR BIO-ISOSTERIC ANALOGUES AS POTENTIAL ANTICONVULSANTS" PHARMAZIE, BD. 56, NR. 2, 2001, SEITEN 121-4; XP001205216	
	014	DATABASE CHEMCATS 'ONLINE! CHEMICAL ABSTRACT SERVICE, COLUMBUS OHIO; XP002316513; gefunden im STN Order Numbers: CHS 0241411, CHS 0255763 & "Chemstar Product List" April 24, 2003	
	015	DATABASE CHEMCATS 'ONLINE! CHEMICAL ABSTRACT SERVICE, COLUMBUS OHIO; XP002316514; gefunden im STN order numbers: NS55507, NS51721, NS48685, NS27015, NS27010, NS17515 & "Explore Library Collection": May 14, 2001	
	016	DATABASE CAPLUS 'ONLINE! CHEMICAL ABSTRACTS SERVICE, COLUMBUS OHIO; LI, LAI-ZHONG ET AL.: "SYNTHESIS AND CHARACTERIZATION OF SUBSTITUTED BENZALDEHYDE-N-ARYLOXYACETYL HYDRAZONE COMPOUNDS AS HERBICIDES" XP002316515, gefunden im STN Database accession no. 2000:634749 & YOUJI HUAXUE, Bd. 20, Nr. 4, 2000, Seiten 574-76	
	017	DATABASE CAPLUS 'ONLINE! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, ROYER, RENE ET AL.: "THYMOL. VII SYNTHESIS AND REACTIONS OF 4-METHYLTHYMOL" XP002316516; gefunden im STN Database accession no. 1958:10976 & BULLETIN DE LA SOCIETE CHIMIQUE DE FRANCE, 1957, Seiten 304-10	
	018	DATABASE CAPLUS 'ONLINE! CHEMICAL ABSTRACTS SERVICE, COLUMBUS OHIO, KIDWAI, MAZAAHIR, ET AL.: "MICROWAVE ASSISTED SYNTHESIS OF NEW FUNGICIDAL PYRAZOLES" XP002316517; gefunden im STN Database accession no. 2000:780229 & INDIAN JOURNAL OF CHEMISTRY, SECTION B: ORGANIC CHEMISTRY INCLUDING MEDICINAL CHEMISTRY, BD. 39B, Nr. 6, 2000, SEITEN 458-61	
	019	DATABASE CAPLUS 'ONLINE! CHEMICAL ABSTRACTS SERVICE, COLUMBUS OHIO, ISSA R.M. ET AL.: "SYNTHESIS AND CHARACTERIZATION OF NEW CU(II) COMPLEXES DERIVED FROM BENZILIC AND MANDELIC HYDRAZONES" XP002316518 gefunden im STN Database accession no. 2001:445125 & SYNTHESIS AND REACTIVITY IN INORGANIC AND METAL-ORGANIC CHEMISTRY, BD. 31, NR. 1, 2001, SEITEN 95-105	
	020	DATABASE CAPLUS 'OLINE! CHEMICAL ABSTRACTS SERVICE, COLUMBUS OHIO, ISSA Y.M. ET AL.: "SYNTHESIS AND CHARACTERIZATION OF CU(II) COMPLEXES WITH NEW MANDELIC HYDRAZONES" XP002316519; gefunden im STN Database accession no. 1999:124110 & SYNTHESIS AND REACTIVITY IN INORGANIC AND METAL-ORGANIC CHEMISTRY, Bd. 29, Nr. 1, 1999, Seiten 53-71	


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				Examiner Name	unknown
				Attorney Docket Number	MERCK-3158
Sheet	3	of	3		

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Examiner Signature		Date Considered	
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